Supported Hardware

This page should be edited by the user community to reflect their tested hardware and version used.

See also: Device driver list (http://www.mikrotik.com/testdocs/ros/2.9/guide/driverlist.php) in manual

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Motherboards

Vendor	Model	ROS version	Result
Asrock	**Intel 82801G chipset**	3.0-3.14	Bad performance, locks up under heavy load, supports multi cpu, PATA not supported, integrated ethernet not recognized. Maybe it's just Asrock bad motherboard don't know if the problem is in intel 82801G chipset tested on 2 motherboards, never tested on 2.9.x
ASUS	**P5B-Deluxe (Intel P965, 3xPCI, 3xPCI-E)**	3.13	Works fine on Intel Core 2 Duo E6400. Not supported PATA controller. Both integrated Gigabit NIC (Marvell Yukon 88E8056 & 88E8001) works fine but only at 100Mbps.
ASUS	**P5B-V (Intel P965, 3xPCI, 4xPCI-E)**	3.13	Works fine on Intel Dual Core E2180. Not supported PATA controller. Integrated Gigabit NIC Marvell Yukon 88E8001 works fine but only at 100Mbps. Winbox via MAC = problem, disconnects after 3 seconds. Winbox via IP no problem.
ASUS	**P5KC (Intel P35, 3x PCI, 3xPCI-E)**	3.10	Not supported PATA controller (JMicron JMB363), ROS can boot from USB flash drive; internal ethernet not recognized.
ASUS	**P5GC-MX/1333 (2x PCI)**	3.7	Works great for pentium dual-core e2160, hdd pata and sata, 1,5gb ram dual channel mode, except the attansic l2 ethernet onboard card is not recognized.
ASUS	**P5GC (6xPCI)**	2.9.39	Ethernet recognized but not working
ASUS	**P7P55D PRO**	4.5	Works ok, PATA controller (JMicron JM363) and internal Ethernet successfully recognized.
ASUS	**P6T SE**	4.0	RouterOS boots and works with SATA disk set to 'IDE compatibility mode'.
ASUS	**A7V133-C**	3.0 beta 7	Works fine
ASUS	**A7V600-X**	3.25	Works fine
EPoX	**EP-4VKMI**	3.16 - 3.24	Works fine.
EPoX	**8RDA+**	3.6	Work fine including integrated ethernet
Intel	**D815EGEW**	2.9.x	Excellent performance under 2.9. Not tested under v3. Onboard Ethernet Works perfectly.
Intel	**DG950**	2.9.42	Ethernet not recognized
Intel	**D945GCCRL**	2.9.43 & 3.0 beta 5	Ethernet & DoM not recognized
Intel	**D945GCLF2**	3.23	4 core's, 2gb ram, 32gb ssd, no problems.
Intel	**D945GCPE**	3.0 beta 9	Work fine including integrated ethernet
Intel	**D945GCNL**	3.11	Works fine but integrated ethernet (just disable) goes up and down on reboots multi-cpu= yes. shared IRQ for PCI devices, decrease nic performace.
Intel	**D945GNT**	2.9.45	Works fine
Intel	**DP55WG**	4.6	multi-cpu smp works great, onboard NIC not supported by RouterOS 4.6 yet though, must use pci/pci express nics
Intel	**DQ965GFEKR (D41676)**	3.7, 3.4	Works fine on 3.7/3.4 if multi-cpu=no, BUT 3.5-3.7 fail to boot with E4600 processor and multi-cpu=yes

Intel	**D845GVSRL**	3.7, 3.1, 2.9	Very Stable, used for 4 years
Intel	**DG965SWH**	3.0 beta 9	Works fine, but only with SATA not IDE
Intel	**DG33FB**	3.7	Works fine, Ethernet but not working (IRQ 9), set in BIOS Security/XD Tegnology to disable
Intel	**S3210SHLC**	4.2	Boot from USB stick. Work fine for my PPPoE server. Up to 1300 users with summary 200Mbit traffic.
Intel	**D945GZT-M**	3.0rc4	Works fine
Chaintech	**AADF950**	3.0 beta 5	Works fine
Abit	**KT7E**	3.0 beta 7	Works fine
ECS	**nForce3-A**	3.6	Work fine including integrated ethernet
ECS	**P4M800PRO-M478**	2.9.43	No Apparent Problems, Disabled any unneeded devices in the BIOS
Abit	**BE6**	2.9.43	Works
VIA	**EPIA-MII12000**	2.9.42	Locks up under heavy load across wireless
Supermicro	**5015M-MR**	2.9.28	Motherboard is PDSMi w dual core
Supermicro	**PDSBM-LN2+**	2.9.51 & 3.16	http://forum.mikrotik.com/viewtopic.php?f=1&t=28184
Supermicro	**PDSMi-LN4+**	2.9.51, 3.13, 3.20	Very stable even with dual-cores enabled.
Gigabyte	**GA-41M-ES2L**	3.28	Works fine; CPU Intel Core2 Dual 2.7GHz; 2XRB44GV
Gigabyte	**GA-6BXS**	2.9.43	Works fine
Gigabyte	**GA-8I848P-G**	3.6	Work fine including integrated ethernet
Gigabyte	**GA-8ST667 rev. 3.0**	3.13	Works fine; CPU Intel Celeron 2,4GHz; Chipset SiS 645DX; 5xPCI;
Gigabyte	**GA-M720-US3 rev 1.0**	4.6	Works fine (downvolted to 1.1V)
Gigabyte	**GA-MA790GP-UD4H**	3.30	Works fine
Gigabyte	**K8-NS-ULTRA**	2.9.x-3.7	Excelent work, including both onboard ethernet (100 and 1000 lan)
Gigabyte	**GA-MA770-DS3 (rev. 2.0)**	3.10	Works fine and extreme stable include onboard LAN, IDE DOM can load normally
	Chipset P35 (Tested Using Gigabyte GA-P35-DS3L & Abit IP35)	3.7	Work fine but only with SATA, not IDE (Include DOM), bellow v3.7 problem with SATA too
Microsoft	**Virtual PC 2007**	3.7	Installs and and tries to boot.
VMware	**Workstation v6.0.3**	3.7	Runs Wicked Fast! I have had up to 8 Ethernet interfaces running simultaneously.
VMware	**ESXi v4**	3.30	Select IDE type for virtual disk - works perfectly!
	Xen 3.2.1 on Intel C2Q	4.x	Installs and runs fine on HVM bootloader using Intel VT technology. Even switches to RouterOS console from Dom0 shell. Ethernet interfaces work perfectly. **Do not install xen/kvm RouterOS packages!**
DFI	**AD73 Pro (Chipset VIA KT266A/VT8233ACD)**	2.9.x-3.30	Works fine. All 5 PCI's ocupied with 1 x LAN and 6 x R52H's (3 in RouterBoard11 and 3 in RouterBoard14!)
DFI	**AK75-EC (Chipset VIA KT133A/686B)**	3.14-3.30	Stable. All PCI's ocupied with LAN, miniPCI-PCI adapters fitted with R5H/R52H's and XR5's
Fujitsu Siemens	**Primergy RX100S5**	3.1, 3.7, 3.22	Can Install from Netinstall with RAID (LSI) Controller enable. Can't install from CD and Netinstall with only SATA or PATA mode. **But NOT RUN**
MSI	**785GM-E51**	4.11	Works fine, booted from USB stick, integrated LAN working

Ethernet chipsets

Vendor	Model	ROS version	Result
3Com	**3c905B Cyclone 100BaseTX**	2.9.51	Works! Extremely reliable, doesn't fully support tagged vlans
3Com	**3cSOHO100-TX [Hurricane] (rev: 48)**	3.14rc1	Works
3Com	**3c905C-TX/TX-M [Tornado] (rev: 120)**	2.9.51	Works! Extremely reliable, doesn't fully support tagged vlans
3Com	**3c905C-TX/TX-M [Tornado] (rev: 116)**	2.9.51	Works! Extremely reliable, doesn't fully support tagged vlans
3Com	**3c905B-FX Fast Etherlink XL FX 100baseFx [Cyclone] (rev: 0)**	2.9.43	Works but no link in Winbox and no Graph in Dude !!!!
Intel	**S82557 10/100MBit**	2.9.43	works
Intel	**PWLA8391GT PRO1000/GT**	3.7, 3.1, 2.9	Extremely Stable, used for years
Intel	**PWLA8391GTL PRO1000/GT**	3.4	Extremely Stable, used for years
Intel	**82575EB & 8257GB**	3.15	Added support
Intel	**82576 Gigabit ET Quad port**	4.5	Not recognized

Intel	**82572EI (EXPI9300PTBLK)**	4.5, 4.6	Works
Intel	**82572GI (EXPI9400PTBLK)**	4.5	Works
Intel	**82574L (EXPI9301CT)**	5.0 beta 1	Supported in ROS 5 / Works
Intel	**82571EB (EXPI9404PT) QUAD**	4.6	Works
Intel	**S82557/S82555 10/100 Mbit TX**	2.9.50 / 3.16	Works Stable! FCC ID:EJMNPDSPD035
Intel	**PRO 1000 MT**	2.9.51	Works
Intel	**82541GI/PI Gigabit Ethernet Controller (rev: 5)**	2.9.49	Working
Intel	**10Gbit Ethernet PCI Express**	3.17	Works
Intel	**82557/8/9 Ethernet Pro 100 (rev: 5)/Dual ports(Two ports/2-port)/RJ-45"**	4.10	Works, fine!
D-Link	**DFE-528TX rev. E1**	3.13	Works
D-Link	**DFE-580TX 4-port**	3.0 beta 5	Bad card, not recommended. Hangs router
D-Link	**DFE-530/538TX**	2.9.43 - 3.x	Works well, no apparent problems.
D-Link	**DUB-E100 USB**	3.18	added support, reported to be working
Marvell	**88E8001 Gigabit Ethernet Controller (rev: 20)**	3.13	Works
Marvell	**88E8056**	3.6	reported to be working with some BIOS setting enabled
DECchip	**21143 (ZYNX ZX410 4-port cPCI)**	2.9.51	Working
Realtek	**RTL-8169 Gigabit Ethernet x4 (rev: 16)**	3.0-3.11	Working Extremely reliable, used 4 mounts
Realtek	**RTL8111 (10/100/1000Mbit)**	3.10	Seems to be working only in older RouterOS v3 releases, v3.10 and before.
Realtek	**RTL8111C, RTL8111DL (10/100/1000Mbit)**	4.6 - 4.11	Working
Realtek	**RTL8139C+**	3.14	Works
Realtek	**RTL8139D**	3.x	Some work, others don't. Check for yourself.
Realtek	**RTL-8139/8139C/8139C+ (rev: 16)**	4.9 & 4.10	Works, fine!
Realtek	**RTL-8029(AS) (rev: 0)"**	4.9 & 4.10	Works, fine!
ZNYX	**ZX346Q**	3.27	Works
VIA	**VT6102 [Rhine-II] (rev: 67)"**	4.9 & 4.10	Works, fine!

x86 Systems

Model	ROS version	Result
Dell Optiplex GX1	2.9.x-3.0	Intel onboard/cpu 450-600Mhz, eth:3com, best for wirless stations; uptime over 200d, no problems at all.
Compaq Presario 2282	2.9.43	With 3c905 [Boomerang], no apparent problems
Dell GX100	2.9.x - 3.7	Intel onboard, 2 free pci, Intel cpu
Dell GX240	2.9.x - 3.7	Intel onboard, 2 free pci, Intel cpu, IDE HDD.
Dell GX260	2.9.x - 3.7	Intel onboard, 2 free pci, Intel cpu, IDE HDD.
Dell GX270	2.9.x - 3.7	Intel onboard, 2 free pci, Intel cpu. IDE HDD.
Dell GX280	2.9.x - 3.7	Intel onboard, 2 free pci, Intel cpu, SATA HDD.
Dell Dimension XPS GEN 3	2.9.x	Lan Onboard, 4 free pci, Intel cpu , SATA HDD (Excellent Stability)
Dell Inspiron Desktop 518	2.9.x - 3.7	After netinsall stuck on "loading system"
Dell PowerEdge 860	3.x	1U Rackmount, 2x Broadcom Gigabit onboard, 1x Intel CPU (many options), 1 PCI/1 PCIe or 2 PCIe riser options, SATA HDD ONLY. (some issues with floppy netinstall)
Dell PowerEdge R200	>= 3.19 recommended	Severe stability and clock issues with non-current ROS. Works like a top on 3.19 though. Also, if using an SATA-to-CF converter, the license key for the CF card in an R200 will only transfer to other R200's without Mikrotik reissuing it.
Dell PowerEdge 2950	3.x	2U Rackmount, Optional Redundant Power Supplies, 2x Broadcom Gigabit onboard, 2x Intel CPU (many options), 2- 8xPCIe & 1- 4xPCIe Standard (other risers available), SATA HDD ONLY, 2x internal USB - MUST SPECIAL ORDER WITHOUT RAID CONTROLLER. (some issues with floppy netinstall)}
HP Proliant DL380 G5	3.17	Works, but only if installed from CDROM (Netinstall to Windows mounted HDD causes issues)
Asus EEE PC 701	3.x	SFF Laptop, 1x10/100 ethernet (Not detected), Stock Wireless unsupported (AR5007E In Mini-PCIX slot), 630/900Mhz processor, 512MB RAM, 4GB SSD (Not detected), USB2.0 Bootable, SDHC Reader functions as a USB Stick
Dell PowerEdge SC1425	3.x	Rackmount, Intel Xeon 2.8 1MB 800FSB, 1024MB DDR2 PC3200 ECC, 2x Intel 82541GI Gigabit Ethernet, HD150gb SATA, USB works, very stable
Fujitsu Siemens Primergy RX100S5	3.7, 3.22	Can Install from Netinstall with RAID (LSI) Controller enable. Can't install from CD and Netinstall with only SATA or PATA mode. **But NOT RUN**

Toshiba Magnia SG20	2.9.44	CPU Celeron, VIA chipsets, onboard LAN Realtek and Intel, IDE HDD, PCMCIA tested with Orinoco Silver, miniPCI LT WinModem **not work**

Embedded Controllers

Model	ROS version	Result
WRAP.1E-2	2.9.51, 3.7	3 Ethernet, 1 miniPCI, 128 MB - Working
WRAP.2E	2.9.51, 3.7, 3.9, 3.10	1 Ethernet, 2 MiniPCI, 128 MB - Work fine
ALIX 2-2	2.9.48	2 Ethernet, 2 miniPCI - Working
Adlink cPCI-6770 Low Power Pentium III	2.9 and 3.0	CompactPCI CPU Module - Working, excellent performance!
Advantech PCA-6751	2.9.49	Working
Soekris 4801-50	2.9.48	3 Ethernet, 128MB, CF 512MB - Working
Soekris 4826-48	3.10	233 Mhz CPU, 128 Mbyte SDRAM, 1 Ethernet, 1 Serial, 256 Mbyte CF Flash, 2 Mini-PCI sockets, PoE. Limited power available/runs only 1 high power card (@26dB) along with another lower power card (@17dB)
Soekris net4801-48/50 + lan1641	3.22	All 7 (3+4) ethernet works, USB works (tested with Huawei 3G modem), extra serial port works. And RouterOS installed on CF card.
ALIX 2C0	2.9,3.0	2 Ethernet, 2 miniPCI ,128Mb 433Mhz Amd Geode- Working Perfect
ALIX 2C1	2.9,3.0	2 Ethernet, 2 miniPCI ,128Mb 433Mhz Amd Geode- Working Perfect
ALIX 2C3	2.9,3.0	2 Ethernet, 2 miniPCI ,256Mb 500Mhz Amd Geode- Working Perfect
ALIX 3C1	2.9,3.0	2 Ethernet, 2 miniPCI ,128Mb 433Mhz Amd Geode- Working Perfect
ALIX 3C2	2.9,3.0	2 Ethernet, 2 miniPCI ,256Mb 500Mhz Amd Geode- Working Perfect

3G cards

Model	ROS version	Result
AirPrime/Sierra PC 5220!	v3	
AnyData ADU E100A (aka "USB Wireless HSDPA/UMTS 2.1GHz GSM/GPRS/EGPRS 900/17000MHz/CDMA 1x EVDO Rev.A")	v3.14	
AnyData ADU 500A USB (aka "USB Wireless HSDPA/UMTS 2.1GHz GSM/GPRS/EGPRS 900/1800MHz/CDMA 1x EVDO Rev.A")	v3.14	
Audiovox PC5220 CDMA Dual Band 1XEV-DO PC Card	v3	
C-motech CNU-680 CDMA 1x EV-DO 450Mhz USB Modem (used by Triatel)	v3.22	
Dell 5520	v3	
Ericsson_F3507g_Mobile_Broadband_Module	V3.28	Set init string AT+CFUN=1, data channel and info channel to 3.
Huawei E226 USB modem,	3.25	
Huawei E220 USB modem, E200BIS	3.0rc8	
Huawei E169 USB modem (used by Tele2)	3.22	
Huawei E180 USB modem	3.20	
Huawei E1550	v3.26	
Huawei E1553 (USB)	v4.6	
Siemens M20	v3.28	
Huawei Mobile Connect Model E620 (3G);	v3	
Kyocera KPC650	v3	
Novatel EU740	v3	
Novatel EU870	v3	
Novatel EV620 CDMA/EV-DO	v3	
Novatel Merlin ES620 / Merlin ES720 / Ovation U720	v3	
Novatel Merlin ES620 SM Bus	v3	
Novatel Merlin S720 (HSDPA);	v3	

Novatel Merlin XU870 HSDPA/3G	v3	
Novatel U730 (Wireless HSDPA Modem)	v3	
Novatel Wireless CDMA card	v3	
Option Fusion UMTS Quad-GPRS (Vodafone Globetrotter);	v3.4	
Option Globetrotter HSDPA USB (aka Teltonika ModemUSB/H7.2 U3G150)	v3	
Option Qualcomm 3G WCDMA Model M00201-10886 miniPCI-e	v3.27	works also in RouterBOARD with miniPCI-e slot and SIM slot (SIM slot required)
Option Qualcomm 3G CDMA Model M00301 (GTM380) miniPCI-e	v3.28	works in RouterBOARD 411U with miniPCI-e slot and SIM slot (SIM slot required). Set data channel and info channel to 3.
Option Qualcomm 3G CDMA Model M00401 (GTM382) miniPCI-e	v3.28 & v4.6	works in RouterBOARD 411U with miniPCI-e slot and SIM slot. Set data channel and info channel to 3. Performance on CZ O2 in Prague HSDPA connection about 2.6Mbit download and 0.7Mbit upload. Latency between 100-300ms. Application based on this on http://carlive.cz [1] (http://carlive.cz) .
Ericsson 3G F3607gw miniPCI-e	v3.28	works in RouterBOARD 411U with miniPCI-e slot and SIM slot (SIM slot required). Set data channel and info channel to 2. Set init string AT+CFUN=1
Sierra Aircard 595	v3	
Sierra Aircard 595U USB Sprint Card	v3	
Sierra Wireless AirCard 580	v3	
Sierra Wireless AirCard 595	v3	
Sierra Wireless AirCard 597E	v3	
Sierra Wireless AirCard 597E	v3	
Sierra Wireless AirCard 875	v3	
Sierra Wireless AirCard 880	v3.8	
Sierra Wireless AirCard 880 E	v3.8	
Sierra Wireless AirCard 881	v3.8	
Sierra Wireless AirCard 881 E	v3.8	
Sierra Wireless EM5625	v3	
Sierra Wireless MC5720	v3	
Sierra Wireless MC5720	v3	
Sierra Wireless MC5725	v3	
Sierra Wireless MC8755	v3	Users have reported that the device doesn't show up after shutdown, reboot is required. Init-string: ATE0V1&D2&C1S0=0+IFC=2,2;AT+CGDCONT=1,"IP","apn-string"; - where the apn-string is your correct APN. A reboot can be required after settings are changed, to make it working. Data and Info channel are 0.
Sierra Wireless MC8755 for Europe	v3	
Sierra Wireless MC8765	v3	
Sierra Wireless MC8775	v3	
Sierra Wireless MC8780	v3.8	
Sierra Wireless MC5725	v3.18	
Sierra Wireless MC5727	v3.18	
Sierra Wireless MC8785	v3.18	
Sierra Wireless MC8790	v3.18	
Sierra Wireless MC8790	v3.18	
Sierra Wireless MC8781	v3.8	
Sierra Wireless Sierra 598 (Sprint) USB	v3.x	
Sierra Wireless MP3G - EVDO	v3.8	
Sierra Wireless MP3G - UMTS/HSPA	v3.8	
Sierra Wireless Compass 885 (USB)	v3.28	AKA Telecom New Zealand's new XT network. Works a treat.
Silicon Labs MobiData GPRS USB Modem	v3.22	
Sprint U301/301U 4G wireless card	v4.6	C-MOTECH Co, FW301DOWMX, QUALCOMM Patch 33504
Sprint U300/300U 4G wireless card	v4.6	C-MOTECH Co, FW301DOWMX, QUALCOMM Patch 33504
Verizon Express Network PC5220 (AirPrime 5220)	v3	
ZTE AC8700	v3.6	
ZTE MF620 / MF622	v3	
ZTE MF620 / MF622 (3G)	v3.6	
ZTE MF668	v4.5	USB
T-Mobile (Germany) Web´n´Walk Box Micro (Huawei E220)	v3.x	
Vodafone (Germany) Easybox 2 (Huawei E220)	v3.x	

O2 (Germany) Surfbox Mini (Huawei E220)	v3.x	
E-Plus & Base (Germany) USB Minimodem (Huawei E220)	v3.x	
Huawei E600	v3.15	
Novatel Merlin V640/XV620	v3.15	
Novatel Merlin V620/S620	v3.15	
Novatel Merlin EX720/V740/X720	v3.15	
Novatel Merlin V720/S720/PC720	v3.15	
Novatel Merlin XU870 HSDPA/3G	v3.15	
Novatel X950D	v3.15	
Novatel ES620/ES720/U720/USB720	v3.15	
Novatel E725/E726	v3.15	
Vodafone EU740/Novatel non-Vodafone EU740	v3.15	
Vodafone K3565/Huawei E160	v3.23	
Novatel EU850D/EU860D/EU870D	v3.15	
Novatel MC930D/MC950D	v3.15	
Novatel MC727/U727	v3.15	
Novatel Expedite EV620 CDMA/EV-DO	v3.15	
Novatel Expedite EU740 HSDPA/3G, Dell Wireless 5500 Mobile/Dell Wireless 5505 Mobile	v3.15	
Novatel Expedite E720 CDMA/EV-DO	v3.15	
Novatel Expedite ET620 CDMA/EV-DO	v3.15	
Onda H600/ZTE MF330	v3.15	
BP3-USB & BP3-EXT HSDPA	v3.15	
ZTE MY 39 (MSM 6500 based)	v3.20	
Cricket A600	v3.26	
Globetrotter HSDPA Modem Option N.V.	v3.26	
Sony Ericsson MD300	v3.26	
ZTE MF 626	v3.26	
ZTE MF 627	v3.26	
Pantech / UTStarcom UM175	v3.27	On Alltel's CDMA EVDO RevA network average 700-800kbps up and 2.4-2.8Mbps down
Novatel U760	v3.30	
ZTE K3565-Z	v4.4	Revision: BD_P673A2V1.0.0B09
Novatel Expedite EV620	v4.5	
Novatel MC760 VMU	v4.5	
Franklin Wireless FW300DOWMX	v4.5	
Huawei EC1260	v4.5	
Vodafone K3520-Z	v4.6	
Vodafone K3765	v4.6	
Telstra 3G Elite	v5.x	
Vodafone Huawei K4505	v5.x	
Vertex VW 110	v5.x	

Memory cards

NB! New flash cards need always formatting!

Legend:

- V - works
- X - doesn't work
- ? - not tested
- NA - not available for this RB

Model	Type	RB600	RB1000	RB433AH	RB450G
PQI 4GB 120x HiSpeed	CF	**X**	?	NA	?
2GB Transcend 133x	CF	X	?	NA	?
2GB Kingston 133x (Elite Pro, code CF/2GB-S2)	CF	V	?	NA	?
4GB Kingston 133x (Elite Pro)	CF	?	V	NA	?
4GB Kingston CF/4GBIN	CF	**X**	?	NA	?
8GB A-Data Speedy G08GNMC7B0095	CF	V	V	NA	?
16GB A-Data Speedy	CF	V	V	NA	?
4GB Apacer Photo Steno IV 300X	CF	**X**	**X**	NA	?
1GB Sandisk Ultra II BB05024GA	CF	V	V	NA	?

2GB Sandisk Ultra II	CF	?	V	NA	?
8GB Sandisk Ultra II	CF	?	V	NA	?
8GB SanDisk Extreme III (200X,30MB/s)	CF	?	V	NA	?
2.5GB Seagate ST1 (ST625211CF)	CF microdrive	V	V	NA	?
8GB Seagate ST1	CF microdrive	V	V	NA	?
64MB Nokia	microSD	NA	NA	?	V
512MB Kingston	microSD	NA	NA	V	?
1GB Apacer	microSD	NA	NA	V	?
1GB Kingston (SDC/1GB)	microSD	NA	NA	?	X
2GB Kingston	microSD	NA	NA	**X**	**X**
2GB Traxdata	microSD	NA	NA	?	**V**
4GB Apacer SDHC (class 6)	microSD	NA	NA	V	X
4GB Axiz	microSD	NA	NA	V	?
4GB Kingston	microSD	NA	NA	V	?
4GB Kingston SDHC (C04G JAPAN class 4)	microSD	NA	NA	V	?
4GB Transcend SDHC	microSD	NA	NA	V	?
4GB Sandisk Mobile Ultra Micro SDHC (with card reader)	microSD	NA	NA	?	V
8GB Sandisk SDHC (0733702482DLE)	microSD	NA	NA	V	V
8GB Sandisk Mobile microSDHC (SDSDQ-8192-A11M)	microSD	NA	NA	?	V
8GB Sandisk Mobile Ultra SDHC (Class 6)	microSD	NA	NA	?	V
8GB Kingston SDHC (Class 4)	microSD	NA	NA	V	X
8GB ADATA micro SDHC (AUSDH8GCL6) (Class 6)	microSD	NA	NA	?	V
16GB Sandisk micro SDHC (SDSDQ-16384-P36M) class 2	microSD	NA	NA	NA	X
16GB Sandisk micro SDHC (0835B03279DQ) class 2	microSD	NA	NA	V	V

Note: Pushing the "Kingston SDHC 8GB card" all the way into the socket caused the card not to work properly! It had to be pulled out ~1mm for it to work!

802.11a/b/g wireless cards

research papers (http://www.besttermpaper.com/)

Model	Form factor	Platform	ROS	Result
TechnicLan TMP-5414A (http://www.techniclan.com/Wireless_mPCI_TMP-5414A_11abg_108Mbps_Atheros_solution,p,74.html)	miniPCI	All RouterBOARDs	2.9 / 3.x / 4.x	Perfect, Stable
Compex WLM54AG-20 (http://www.compex.com.sg/fullDescription.aspx?pID=23)	miniPCI	RB1xx / RB3xx / RB4xx / RB5xx / RB6xx / x86	2.9 / 3.x / 4.x	Perfect, Stable
Compex WLM54A-26 (http://www.compex.com.sg/fullDescription.aspx?pID=25)	miniPCI	RB1xx / RB3xx / RB4xx / RB5xx / RB6xx / x86	2.9 / 3.x / 4.x	Perfect, Stable
SparkLAN WMIA-165G	miniPCI	RB1xx / RB3xx / RB4xx / RB5xx / RB6xx / x86	2.9 / 3.x / 4.x	Perfect, Stable
SparkLAN WMIA-166AG	miniPCI	RB1xx / RB3xx / RB4xx / RB5xx / RB6xx / x86	2.9 / 3.x / 4.x	Perfect, Stable
SparkLAN WMIA-166AGH	miniPCI	RB1xx / RB3xx / RB4xx / RB5xx / RB6xx / x86	2.9 / 3.x / 4.x	Perfect, Stable
Alfa AWPCI 085 H	miniPCI	RB1xx/RB333/RB4xx/x86	2.9&3.x	All just perfect
TP-Link TL-WN550/551	PCI	x86	2.9&3.x	Perfect 19dB rated, stable at 21
TP-Link TL-WN650/651	PCI	x86	2.9&3.x	Perfect 19dB rated, stable at 21. Unstable with compression activated
D-Link AG530 a/b/g (both rev.A1 and A2)	PCI	x86	2.9&3.x	Perfect. Works perfect, in both 2.4 and 5.x GHz
D-Link DWL-G510	PCI	x86	only 2.9.x tested	Perfect. Tested Rev A1
D-Link DWL-G520	PCI	x86	2.9.x & 3.x	Works well.

D-Link DWL-G520+A/RaLink 2591 Chipset	PCI	x86	4.9	NOT Work!
Gigabyte b/g GN-WI01GT	miniPCI-e	x86	3.x	Works also in RouterBOARDs with miniPCI-e slot
Senao NL-2511CD EXT2	PCMCIA	x86&rb230	only 2.9x tested	Perfect. Just about the most sensitive card i used, in the good sense. Only 11b.
Planet WL-8310	PCI	x86	only 2.9.x tested	Perfect. Stability.
Netgear WG311T 108	PCI	x86	only 2.9x tested	Perfect. stability
SMC SMCWPCIT-G	PCI	x86	3.x tested	Perfect on A/B/G.
Wistron DCMA-81	miniPCI	x86,rb	2.9.xx, 3.xx	Perfect on A/B/G with or without compression.
Wistron DCMA-82	miniPCI	rb	3.xx	Works on some RB, but on 2/3 of my RB433 it causes the board to reboot when enabled. Many other people have had similar experiences. Not recommended. Maybe OK on 133
Senao NMP-8602	miniPCI	x86&rb411	2.9x,3.x tested	Perfect on a/b/g
Dbii F20 (http://dbii.com/f20.html)	miniPCI	RB411 & RB433	3.x tested	Perfect on B/G, too thick for 3 in rb433
Dbii F50 (http://dbii.com/f50.html)	miniPCI	RB411 & RB433	3.x tested	Perfect on A, too thick for 3 in rb433
Dbii F20-PRO (http://www.dbii.com/f20-PRO.html)	miniPCI	RB411 & RB433	3.x tested	Perfect on B/G, too thick for 3 in rb433
Dbii F50-PRO (http://www.dbii.com/f50-PRO.html)	miniPCI	RB411 & RB433	3.x tested	Perfect on A, too thick for 3 in rb433
Ubiquiti XR2 (http://www.ubnt.com/products/xr2.php)	miniPCI	RB433	3.x	works as advertised, too thick for 3 in rb433
Ubiquiti XR5 (http://www.ubnt.com/products/xr5.php)	miniPCI	RB433, x86	3.x	works as advertised, too thick for 3 in rb433
Ubiquiti SR9 (http://www.ubnt.com/products/sr9.php)	miniPCI	RB433	3.x	works as advertised, thin enough to load 3 in RB433
Ubiquiti XR9 (http://www.ubnt.com/products/xr9.php)	miniPCI	RB411 & RB433	3.x	works as advertised, thin enough to place cards above, but antenna port may contact cards below
Valemount KXS30SG (http://www.staros.com /documentation/KXS30SG%20Sell%20Sheet.pdf)	miniPCI	RB433	3.2 & 4.2 tested	B/G only, no A. Big heat sink means card should be installed on highest mount when other cards being used. High power consumption can cause power problems, otherwise works perfectly.
Zcomax XG-650 (http://www.zcomax.cz/Xg650.aspx)	miniPCI	RB112 & RB433	4.2 & 4.6	Not working (driver doesnt work / exist). It has a TI TNETW1130GVF chipset.
AR5BMB5	miniPCI	RB411,x86	3.xx, 4.3	Not working. Atheros chipset.

802.11n wireless cards

Model	Form factor	ROS	Result
SparkLAN WMIA-198N (http://store.dcsindo.com/interfaces/wireless-minipci/wmia-198n.html)	miniPCI	4x, 5x	Perfect, Stable
Compex WLM200N5-23 (http://www.compex.com.sg/fullDescription.aspx?pID=96)	miniPCI	4.0b3	Perfect, Stable
Compex WLM200NX (http://www.compex.com.sg/fullDescription.aspx?pID=32)	miniPCI	4.0b3	Perfect, Stable
RouterBOARD R2N (http://www.routerboard.com/prices.html)	miniPCI	4.0b3	works
RouterBOARD R52N (http://www.routerboard.com/prices.html)	miniPCI	4.0b3	works
TP-Link Wireless N (2T2R)	miniPCI	4.0b3	works
Ubiquiti SR71-A (http://www.ubnt.com/products/sr71a.php)	miniPCI	4.0b3	works
Ubiquiti SR71-A (http://www.ubnt.com/products/sr71a.php)	miniPCI	4.0b3	works

T1/E1

Model	Form factor	Platform	ROS	Result
Farsite FarSync TE1	PCI	x86	3.15	supported

Note: Since v3.15 RouterOS doesn't support any Sync/T1/E1 cards except select Farsite models

GPS

Model	Connection	Platform	ROS	Result
EXAMPLE	USB	x86	3.30	supported

Storage controllers (SAS/SCSI/RAID)

Post only tests since RouterOS v5beta5

Brand	Model	Motherboard	RouterOS	Works / Doesn't
EXAMPLE	model	x86	v5beta5	Yes,works

Category: Hardware